|     |                                  |                 |                 |          |               |         |            |           |              |           |          |          |          |                | 10/662,286<br>Examiner |              |           |      |           |          |            |          |          | CHEN ET AL. Art Unit |                     |          |          |                  |   |  |
|-----|----------------------------------|-----------------|-----------------|----------|---------------|---------|------------|-----------|--------------|-----------|----------|----------|----------|----------------|------------------------|--------------|-----------|------|-----------|----------|------------|----------|----------|----------------------|---------------------|----------|----------|------------------|---|--|
|     |                                  |                 |                 |          |               |         |            |           |              |           |          |          |          |                | Daniel J Chung         |              |           |      |           |          |            |          |          | 2672                 |                     |          |          |                  |   |  |
| . • |                                  |                 |                 |          |               |         |            |           |              |           |          |          |          |                |                        |              |           |      | <u> </u>  |          |            |          |          |                      |                     |          |          |                  |   |  |
| ٠   | Rejected (Through nume Cancelled |                 |                 |          |               |         |            |           |              |           |          | ral)     |          |                | N Non-Elec             |              |           | cted | ted       |          | Appeal     |          |          |                      |                     |          |          |                  |   |  |
|     | = Allowed                        |                 |                 |          |               | +       | Restricted |           |              |           |          |          | Ì        | I Interference |                        |              |           |      | 0         | Objected |            |          |          |                      | •                   |          |          |                  |   |  |
|     | Cla                              | im              | Date            |          |               |         |            |           |              | Claim     |          |          |          | l l            |                        |              | e         |      | ٠ [ [     | Claim    |            |          |          | Date                 |                     |          |          |                  |   |  |
| ,   |                                  |                 |                 |          | T             | $\top$  | $\Box$     | 1         |              |           | ΠĬ       |          |          |                |                        |              |           | 1    |           | 1        | Τ,         | Jale     |          |                      |                     |          |          |                  |   |  |
|     | Final                            | Original        | 144/4           | Siste    |               |         |            |           |              |           | Final    | Original |          |                |                        |              |           |      |           | Final    | Original   |          |          |                      |                     |          |          |                  |   |  |
|     |                                  |                 | ./              |          |               | +       | +          | $\dagger$ |              |           |          | 51       |          |                |                        | _            | $\exists$ |      |           |          | 101        | H        |          | +                    |                     | ╁        | +-       |                  |   |  |
|     |                                  | 2_              | #               |          |               |         |            | -         |              |           |          | 52       |          |                |                        | $\Box$       |           |      |           |          | 102        |          |          | $\bot$               |                     | $\Box$   |          |                  |   |  |
|     |                                  | <u>3</u> _      |                 |          | $\Rightarrow$ | $\pm$   |            | +         | -            | H         |          | 53<br>54 | +        | +-             | +                      | $\dashv$     | $\dashv$  | +    | H         | $\vdash$ | 103        | ╀┤       | -        | -                    | ╂╌┤                 | -        | +        | ╂┈┥              |   |  |
|     |                                  | 5               | +               |          | $\dashv$      | =       | ===        | +         |              |           |          | 55       | $\perp$  | +              |                        |              | +         |      | H         |          | 105        |          |          | +                    |                     | +        | +        | H                |   |  |
|     |                                  | 6               | H               | Ì        |               | 丰       |            |           |              |           |          | 56       | $\Box$   | I              |                        |              | $\Box$    |      |           |          | 106        |          | $\perp$  |                      |                     | $\Box$   |          |                  |   |  |
|     |                                  | 7               |                 | 4        |               | $\pm$   | _          | +         |              | H         |          | 57<br>58 | +        | +              |                        | $\dashv$     | $\dashv$  | +    |           | -        | 107        | $\vdash$ | +        | -                    | $\vdash$            |          | $\dashv$ | +                |   |  |
|     |                                  | 8<br>-9.        | H               |          | #             | _       | +          | +         | +            | $\Box$    |          | 59       | $\dashv$ | ╁              | +                      | $\dashv$     | $\dashv$  | 十    | H         | ·  -     | 109        |          | $\dashv$ | +                    | $\vdash$            | $\dashv$ |          | +                |   |  |
|     |                                  | 10              | —               |          |               |         |            |           |              |           |          | 60       |          |                |                        |              |           |      |           |          | 110        |          |          |                      |                     |          |          |                  |   |  |
|     |                                  | 41-             | _               |          | -             | $\perp$ | +          | +         | _            | Ш         | $\vdash$ | 61       | +        | +              | $\sqcup$               | 4            | _         |      | 1         |          | 111        | $\vdash$ | _        | +                    | $\square$           | 4        |          | 4-1              |   |  |
|     | ;                                | 12-             |                 | $\Pi$    | -             | +       | +          | +         | +            | H         | -        | 62<br>63 | +        | ╁              | +                      | ᅱ            |           | +    | H         | ·        | 112        |          | +        | +                    | H                   | +        | -        | +                |   |  |
|     |                                  | 14              |                 | 7        |               | 1       |            | 土         |              |           |          | 64       |          |                |                        |              |           |      |           |          | 114        |          |          |                      |                     | 士        |          |                  |   |  |
|     |                                  | 15              |                 | Y        |               |         | $\perp$    | $\perp$   |              |           |          | 65       | $\perp$  | 1              |                        |              | $\Box$    |      |           |          | 115        | +        |          |                      |                     | $\bot$   |          |                  | , |  |
|     | _                                | 16<br>17        |                 | Ш        | _             | +       | ╁          | ┿         |              |           |          | 66<br>67 | +        | +              | +                      | $\dashv$     | $\dashv$  | +    | H         | -        | 116        | $\vdash$ |          | +-                   | ╁╌┨                 | +        | +        | ┦┤               |   |  |
|     |                                  | -18-            |                 |          |               | _       | +          | $\dagger$ | +            | H.        |          | 68       | +        | +              | 1-1                    |              |           | +    | H         |          | 118        | $\vdash$ | ╅        | +                    | $\vdash$            | -        | +        | $\dagger \dashv$ |   |  |
|     |                                  | 19              | •               | フ        | ightharpoons  |         |            | I         |              |           |          | 69       |          | 工              |                        |              |           |      |           |          | 119        |          | 丄        |                      |                     |          |          |                  |   |  |
|     |                                  | <del>20</del> - | <b>*</b>        |          | -             | +       |            | +         | -            |           |          | 70       |          | +-             | $\vdash$               |              |           | _    | H         | -        | 120<br>121 | $\vdash$ | -        |                      |                     |          | $\dashv$ | +                |   |  |
|     |                                  | 22              |                 | Н        | $\dashv$      | +       | +-         | +         | ╁            |           |          | 72       | _        | +              | $\Box$                 | +            | 1         | +    | ╀╼┥.      |          | 122        | +        | +        | +                    | +                   | $\dashv$ | +        | H                |   |  |
|     |                                  | 23              |                 |          |               | 1       |            |           |              |           |          | 73       |          |                |                        |              |           |      |           |          | 123        |          |          |                      |                     |          |          |                  |   |  |
|     |                                  | 24              |                 | Н        | _             | - -     | +          | ╀         | -            | $\square$ | -        | 74<br>75 | _        | +              | $\sqcup$               | _            |           | - -  | $\square$ |          | 124        |          | -        | +                    | $\sqcup$            |          | +        | $\square$        |   |  |
|     |                                  | 25<br>26        |                 | Н        | +             | ┿       | +          | 十         | +            | H         | -        | 76       | -+       | +              |                        | $\dashv$     | $\dashv$  | -    | Н.        | ·        | 125<br>126 | $\vdash$ | +        | +                    | $\left\{ -\right\}$ |          | +        | +                |   |  |
|     |                                  | 27              |                 |          |               |         |            |           |              |           |          | 77       |          |                |                        |              |           |      |           |          | 127        |          |          |                      |                     | _        |          | $\dagger$        |   |  |
|     |                                  | 28              |                 |          | $\perp$       |         | 1          |           |              |           |          | 78       | 4        |                |                        |              | $\Box$    |      | П         |          | 128        |          | _        | I                    |                     |          |          |                  |   |  |
|     |                                  | 30              | -               | Н        |               | +       | +          | +         | +-           | $\vdash$  |          | 79<br>80 | +        | +-             | -                      | -            | $\dashv$  | _    | H         |          | 129        | $\vdash$ |          | ╀                    | $\vdash$            | -        | +        | $\dashv$         |   |  |
|     |                                  | 31              |                 | Н        | +             | +       | +          | +         | <del> </del> | H         |          | 81       | +        | +              | $\Box$                 |              |           | +    | Н         | -        | 131        | +-1      | 十        | +                    | H                   |          | +-       | +                |   |  |
|     |                                  | 32              |                 |          |               |         |            | I         |              | $\Box$    |          | 82       |          |                |                        |              |           |      |           |          | 132        |          |          |                      |                     |          |          |                  |   |  |
|     |                                  | 33<br>34        | _               | _        | $\dashv$      | +       | - -        | +         | _            | H         | <u> </u> | 83       |          |                | -                      | _            | _         | _ _  | Н         | -        | 133        |          | _        | +                    | $\vdash$            | 4        | -        |                  |   |  |
|     |                                  | 35.             |                 | Н        | +             | +       | +          | ╁         | +            | H         | -        | 84<br>85 | +        | ╫              | ╂┥                     | $\dashv$     | $\dashv$  | +    | H         | -        | 134<br>135 | +        | -        |                      | ╂╼┤                 | -        | +        | ┾┥               |   |  |
|     |                                  | 36              |                 |          |               |         |            | 土         |              |           |          | 86       |          | 土              |                        |              |           |      | $\Box$    |          | 136        | -        |          |                      |                     |          | $\top$   | $\square$        |   |  |
|     |                                  | 37              | _               |          | _             | _       | +          | _         |              | Щ         |          | 87       | 1        | _              |                        | _            |           |      | Ц         |          | 137        |          |          |                      | П                   | $\dashv$ | $\bot$   | $\Box$           |   |  |
|     |                                  | 38              |                 |          |               | ┽       | ╫          | ╀         | +            | H         |          | 88<br>89 | ╬        | -              | ╁╌                     |              |           | -    | H         | -        | 138<br>139 | $\vdash$ | -        | +                    | ╂╌┨                 |          | +        | +                |   |  |
|     |                                  | 40              |                 |          | 1             | +       | +-         | †         |              | $\Box$    |          | 90       | +        | +              | $\dagger \exists$      | -            | -         |      | H         |          | 140        | ╂╼╂      | $\dashv$ | +-                   | ╁┤                  | -        |          | ┼┤               |   |  |
|     |                                  | 41              |                 |          |               | 1       |            | I         |              |           |          | 91       | $\Box$   |                |                        |              |           |      |           |          | 141        |          |          |                      | $\square$           |          |          |                  |   |  |
|     |                                  | 42              | $\vdash \vdash$ | $\vdash$ |               | +       | +          | +         | +            | $\square$ | <u> </u> | 92       | _        | +              | H                      | _            | -         | +    | H         | -        | 142        |          | +        | +                    | $\sqcup$            | 4        |          | 4                |   |  |
|     |                                  | 44              | H               |          | +             | +       | +          | +         | +-           | H         |          | 94       | +        | +              | H                      | ᅱ            | $\dashv$  | +    | H         | -        | 143        | ╁┤       | +        | +-                   |                     | $\dashv$ | +        | +                |   |  |
|     |                                  | 45              |                 |          |               |         | 工          |           |              |           |          | 95       | 丁        |                |                        |              |           |      |           |          | 145        |          |          |                      |                     |          | 1        | $\dagger$        |   |  |
|     |                                  | 46              | Ц               |          | $\perp$       | $\perp$ | _          | 1         | 4_           |           | -        | 96       |          |                | $\Box$                 | $\vec{\bot}$ | $\dashv$  |      | П         |          | 146        |          |          |                      |                     | $\Box$   |          |                  |   |  |
|     |                                  | 47<br>48        | Н               |          | -+            | +       | +          | +         | +-           | H         | -        | 97<br>98 | +        | +              | H                      | $\dashv$     | -         | +-   | H         | -        | 147        | ┦        | -        | +-                   |                     | +        | -        | 4-4              |   |  |
|     |                                  | 49              |                 |          | +             | +       | +          | +         |              | H         | -        | 99       | $\dashv$ | +              | H                      | $\dashv$     | +         | +    | H         | }        | 149        | -        | -        | +                    | H                   | +        | +        | ┼┤               |   |  |
|     |                                  | 50              |                 |          |               |         | I          | I         |              |           |          | 100      |          | 1              |                        |              |           | 1    |           |          | 150        |          |          |                      |                     | 士        |          | 丗                |   |  |
|     |                                  |                 |                 |          |               |         |            |           |              |           |          |          |          |                |                        |              |           |      |           |          |            |          |          |                      |                     |          |          |                  |   |  |

Application No.

**Index of Claims** 

Applicant(s)